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SERIAL NUMBER 06/543,880	FILING DATE 10/20/83	CLASS 544	SUBCLASS 202	GROUP ART UNIT 122

TAKAO TAKAYA, HYOGO, JAPAN; HISASHI TAKASUGI, OSAKA, JAPAN; TAKASHI MASUGI, OSAKA, JAPAN; HIDEAKI YAMANAKA, OSAKA, JAPAN; KOHJI KAWABATA, OSAKA, JAPAN.

JTV

CONTINUING DATA**
 VERIFIED THIS APPLN IS A CIP OF 06/428,970 09/30/82 ABW
 WHICH IS A CIP OF 06/205,334 11/10/80 PAT 4,409,214
 R.B. ✓

FOREIGN/PCT APPLICATIONS**
 VERIFIED UNITED KINGDOM 8323034 08/26/83
 R.B. ✓ GBX

Foreign priority claimed	AS FILED	STATE OR COUNTRY JPX	SHEETS OR DRWGS. 0	TOTAL CLAIMS 23	INDEP. CLAIMS 2	FILING FEE RECEIVED \$ 330.00	ATTORNEY'S DOCKET NO. 182730CIP162
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ROBSON, DASHEN, SPIVAK, MC CLELLAND
 8 MAIER
 CRYSTAL SQUARE FIVE, STE. 400
 61755 SE JEFF. DAVIS HWY.
 ARLINGTON, VA 22202

1. SUBSTITUTED-3-VINYL-3-CEPHEM COMPOUNDS AND PROCESSES FOR PRODUCTION OF THE SAME

U.S. DEPT. of COMM. Pat. & TM Office - PTO-4

PARTS OF APPLICATION FILED SEPARATELY					PREPARED FOR ISSUE 6-11-85	
					Robert Benson (Assistant Examiner)	S. Jones (Docket Clerk)
AT ALLOWANCE					EXAMINED AND PASSED FOR ISSUE	
					Donald G. Daus Supervisory Patent Examiner	
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APPLICATION SERIAL NUMBER						CLASS 514		SUBCLASS 22		
APPLICANT'S NAME (PLEASE PRINT) Takaya et al						CROSS REFERENCE(S)				
						CLASS		SUBCLASS (ONE SUBCLASS PER BLOCK)		
						544		22		23
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INTERNATIONAL CLASSIFICATION (INT. CL. ³)										
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GROUP ART UNIT 122						ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME) Robert Benson				
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE						Supervisory Patent Examiner - Art Unit 122				